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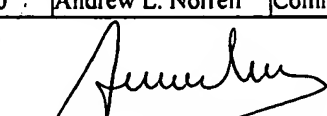
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Technology Center 2600

APPLICANT(S): Andrew L. Norrell, et al.  
SERIAL NO.: 10/072,091  
FILED: February 6, 2002  
TITLE: Loop Extender with Communications, Control, and Diagnostics  
EXAMINER: Unknown  
GROUP ART UNIT: 2631  
ATTY.DKT.NO.: PA1598US

COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

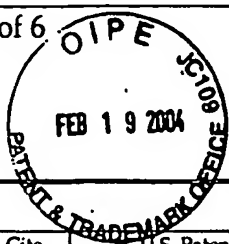
**List of Co-Pending Patent Applications That May Be Directed  
Towards Similar Subject Matter**

Examiner's Initials	Serial Number	First-Named Inventor	Title	Filing Date
JAT	09/569,470	Brian L. Hinman	DSL Repeater	05/12/2000
JAT	09/610,788	Brian L. Hinman	DSP-Based Repeater for DSL Signals	07/06/2000
JAT	09/670,475	Brian L. Hinman	Load Coil and DSL Repeater Including Same	09/26/2000
JAT	<del>10/071,980</del>	Andrew L. Norrell	Loop Extender with Selectable Line Termination and Equalization	02/06/2002
JAT	10/071,980	Andrew L. Norrell	Line Powered Loop Extender with Communications, Control, and Diagnostics	02/06/2002
Examiner's Signature:				Date 6/2/2002

10/072 833

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Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)		Attorney Docket No.: 6491.P038	Application Number: 10/072,091
Page 1 of 6		First Named Inventor: Andrew L. Norrell	<b>RECEIVED</b> FEB 23 2004 Technology Center 2600
		Filing Date: 2/6/2002	



U.S. PATENT DOCUMENTS						
Exam. Initial*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Code <sup>2</sup>	Kind (If known)			
JAT		4,970,722		Preschutti	11/13/1990	
JAT		5,912,895		Terry et al.	6/15/1999	
JAT		4,277,655		Surprenant	7/7/1981	
JAT		4,259,642		Derby	3/31/1981	
JAT		5,892,756		Murphy	4/6/1999	
JAT		6,154,524		Bremer	11/28/2000	
JAT		6,005,873		Amit	12/21/1999	
JAT		6,091,722		Russell et al.	7/18/2000	
JAT		6,084,931		Powell, II et al.	7/4/2000	
JAT		5,623,485		Bi	4/22/1997	
JAT		6,351,493	B1	Tarraf	2/26/2002	
JAT		6,343,114	B1	Chea, Jr.	1/29/2002	
JAT		6,058,162		Nelson et al.	5/2/2000	

FOREIGN PATENT DOCUMENTS								
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		Office <sup>3</sup> Code <sup>3</sup>	Number <sup>4</sup>	Kind  (If known)				

Examiner Signature		Date Considered	6/2/2005
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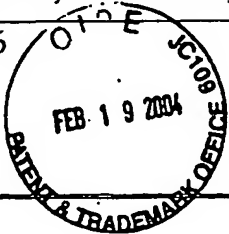
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Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)		Attorney Docket No.: 6491.P038	Application Number: 10/072,091
Page 3 of 6		First Named Inventor: Andrew L. Norrell	<b>RECEIVED</b>  FEB 23 2004 Technology Center 2600
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		Number Code <sup>2</sup>	Kind (If known)			
JAT		6,226,322	B1	Mukherjee	5/1/2001	
JAT		6,345,072	B1	Liu et al.	2/5/2002	
JAT		6,507,606	B2	Shenoi et al.	1/14/2003	
JAT		6,188,669	B1	Bellenger	2/13/2001	
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JAT		5,909,445		Schneider	6/1/1999	
JAT		6,236,714	B1	Zheng et al.	5/22/2001	
JAT		6,546,100	B1	Drew	4/8/2003	
JAT		6,262,972	B1	McGinn et al.	7/17/2001	
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JAT		5,724,344		Beck	3/3/1998	
JAT		6,091,713		Lechleider et al.	7/18/2000	
JAT		3,578,914		Simonelli	5/18/1971	

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		Office <sup>3</sup> Code <sup>5</sup>	Number <sup>4</sup>	Kind  (If known)				

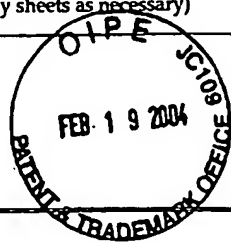
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		Number Code <sup>2</sup>	Kind  (If known)			
JAT		5,790,174		Richard, III et al.	8/4/1998	
JAT		5,455,538		Kobayashi et al.	10/3/1995	
JAT		5,526,343		Aizawa et al.	6/11/1996	
JAT		5,726,980		Rickard	3/10/1998	
JAT		5,822,325		Segaram et al.	10/13/1998	
JAT		5,974,137		Sheets et al.	10/26/1999	
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JAT		3,944,723		Fong	3/16/1976	
JAT		3,962,549		Zuk	6/8/1976	

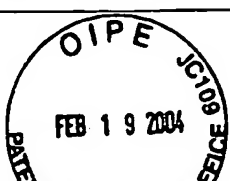
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		Number Code <sup>2</sup>	Kind (If known)			
JAT		4,131,859		Valle	12/26/1978	
JAT		4,242,542		Kimbrough	12/30/1980	
JAT		4,392,225		Wortman	7/5/1983	
JAT		4,462,105		Wagner et al.	7/24/1984	
JAT		4,656,628		Tan	4/7/1987	
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JAT		5,394,401		Patrick et al.	2/28/1995	
JAT		4,025,737		Brewer	5/24/1977	
JAT		4,583,220		Blackburn et al.	4/15/1986	
JAT		4,633,459		Blackburn	12/30/1986	

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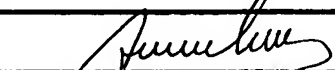
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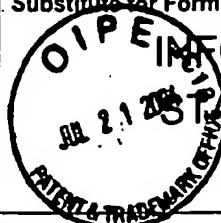
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Page 6 of 6		First Named Inventor: Andrew L. Norrell	<b>RECEIVED</b> FEB 23 2004
		Filing Date: 2/6/2002	
OTHER ART - NO PATENT LITERATURE DOCUMENTS Technology Center 2600			
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation <sup>2</sup>
JAT		"Reference Data for Radio Engineers", Published by the Federal Telephone and Radio Corporation as associate of International Telephone and Telegraph Corporation, Copyright 1943, pp. 3.	
JAT		TODD BAKER, "The Challenges of Implementing", Tektronix, October 1998 CTE Report, <a href="http://www.tektronix.org/Measurement/commtest/cte_reports/27/xdsl.html?view=print&amp;page=http://ww">http://www.tektronix.org/Measurement/commtest/cte_reports/27/xdsl.html?view=print&amp;page=http://ww</a> , pp. 5.	
JAT		VINCE VITTORE, "TELEPHONY Making DSL go for the long run", <a href="http://industryclick.com/magazinearticle.asp?magazinearticleid=7521&amp;magazineid=7&amp;mode=print">http://industryclick.com/magazinearticle.asp?magazinearticleid=7521&amp;magazineid=7&amp;mode=print</a> , December 11, 2000, pp. 2.	

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Substitute for Form 1449/PTO <div style="float: left; width: 150px; text-align: center;">  </div> <div style="float: right; width: 850px;"> <h2 style="margin: 0;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="margin: 0; font-size: small;">(use as many sheets as necessary)</p> </div> <div style="clear: both;"></div>				Complete if Known	
		Application Number	10/072,091		
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		Art Unit	2631		
		Examiner Name	Not Yet Assigned		
Sheet	1	of	1	Attorney Docket Number	006491.P038

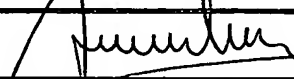
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		US-	Number-Kind Code <sup>2</sup> (if known)			
JAT		US-	2002/0105964	08-08-2002	Sommer, et al.	
		US-				
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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Complete if Known</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">Application Number</td> <td>10/072,091</td> </tr> <tr> <td>Filing Date</td> <td>February 6, 2002</td> </tr> <tr> <td>First Named Inventor</td> <td>Andrew L. Norrell</td> </tr> <tr> <td>Group Art Unit</td> <td>2631</td> </tr> <tr> <td>Examiner Name</td> <td>Unknown</td> </tr> <tr> <td>Attorney Docket Number</td> <td>PA1598US</td> </tr> </table>		Application Number	10/072,091	Filing Date	February 6, 2002	First Named Inventor	Andrew L. Norrell	Group Art Unit	2631	Examiner Name	Unknown	Attorney Docket Number	PA1598US
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JAT		4,768,188		Barnhart, et al.	08-30-1988	<div>RECEIVED</div> <div>JUN 19 2002</div> <div>Technology Center 26</div>
JAT		4,788,657		Douglas, et al.	11-29-1988	
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JAT		6,195,414		Simmons, et al.	02-27-2001	
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JAT		6,263,047		Randle, et al.	07-17-2001	
JAT		6,266,348		Gross, et al.	07-24-2001	
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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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